Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please amend claims 7 and 15 as follows:

1. (Original) A method for improving the reliability of an engine comprising:

providing a single engine having an output shaft and first and second power producing members producing power driving the output shaft;

providing a first set of systems serving the first power producing member;

providing a second set of systems separated from the first set of systems and comprising the same type of systems as the first set of systems, the second set of systems serving the second power producing member;

operating the engine, whereby said power producing members drive said shaft;
detecting performance degradation of a system of said first and second set of
systems or performance degradation of one of the first and second power producing members;

reducing a function of at least one system of said first and second sets of systems having the performance degraded system or serving the performance degraded power producing member; and

continuing the operation of the engine with said power producing member served by the performance degraded system or said performance degraded power producing member producing a reduced power level relative to the other power producing member.

- 2. (Original) A method as recited in claim 1 wherein reducing a function comprises shutting down the power produced by the performance degraded power producing member or served by the performance degraded system.
- 3. (Original) A method as recited in claim 2 wherein shutting down the power comprises shutting down a fuel system of said first and second set of systems having the performance degraded system.

- 4. (Original) A method as recited in claim 1 wherein the engine is selected from the group of engines consisting of Otto cycle, diesel and rotary engines and wherein the power producing members are selected from the group of power producing members consisting of pistons and rotors.
- 5. (Original) A method as recited in claim 1 wherein the first and second set of systems each comprise systems selected from the group of systems consisting of fuel systems, air handling systems, sensor systems, cooling systems and control systems.
- 6. (Original) A method for operating a single engine comprising an output shaft, a first power producing member and a second power producing member, wherein the first and second power producing members produce power to drive said output shaft, the method comprising:

controlling the operation of a first fuel system providing fuel to operate the first power producing member;

controlling the operation of a first set of systems serving the first power producing member;

controlling the operation of a second fuel system providing fuel to operate the second power producing member;

controlling the operation of a second set of systems separate from the first set of systems and comprising systems of the same type as the first set of systems, the second set of systems serving the second power producing member;

detecting performance degradation of one system of said first and second set of systems or one of said power producing members; and

reducing a function of at least one of the systems of said first and second set of systems for reducing the production of power by the power producing member served by the performance degraded system or by the performance degraded power producing member while maintaining the production of power by said other of said first and second power producing members and the continued operation of the engine.

- 7. (Currently Amended) A method as recited in claim 6 wherein reducing a function comprises shutting down the power produced by the performance degraded power producing member or by the power producing member served by the performance degraded system.
- 8. (Original) A method as recited in claim 7 wherein shutting down the power comprises shutting down one of the first and second fuel systems serving the performance degraded power producing member or serving the power producing member served by the performance degraded system.
- 9. (Original) A method as recited in claim 6 wherein detecting performance degradation comprises detecting failure of one system of said first and second sets of systems.
- 10. (Original) A method as recited in claim 6 further comprising identifying the power producing member that is performance degraded or that is served by the detected performance degraded system.
- 11. (Original) A method as recited in claim 6 wherein the first fuel system and first set of systems are only coupled to and serve the first power producing member and wherein the second fuel system and the second set of systems are only coupled to and serve the second power producing member.
- 12. (Original) A method as recited in claim 6 wherein the engine is selected from the group of engines consisting of Otto cycle, diesel and rotary engines and wherein the power producing members are selected from the group of power producing members consisting of pistons and rotors.
- 13. (Original) A method as recited in claim 6 wherein the first and second set of systems each comprise systems selected from the group of systems consisting of fuel systems, air handling systems, sensor systems, cooling systems and control systems.
- 14. (Original) A method for operating a single engine comprising an output shaft, a first power producing member and a second power producing member, wherein the first and

second power producing members produce power to drive said output shaft, the method comprising:

controlling the operation of a first set of systems serving the first power producing member:

controlling the operation of a second set of systems separate from the first set of systems and comprising the same type of systems as the first set of systems, the second set of systems serving the second producing member;

detecting performance degradation of one system of said first and second set systems or of one of said first and second power producing members; and

reducing a function of at least one of the systems of said first and second set of systems serving the power producing member served by the performance degraded system or serving the performance degraded power producing member for reducing the production of power by said power producing member while maintaining the production of power by said other of said first and second power producing members and the continued operation of the engine.

- 15. (Currently Amended) A method as recited in claim 14 wherein reducing a function comprises shutting down the power produced by the performance degraded power producing member or by the power producing member served by the degraded system.
- 16. (Original) A method as recited in claim 15 wherein shutting down the power comprises shutting down a fuel system of said first and second set of systems having the performance degraded system.
- 17. (Original) A method as recited in claim 14 further comprising identifying the performance degraded power producing member or the power producing member served by the detected performance degraded system.
- 18. (Original) A method as recited in claim 14 wherein the first set of systems are only coupled to and serve only the first power producing member and wherein the second set of systems are only coupled to and serve the second power producing member.

- 19. (Original) A method as recited in claim 14 wherein the engine is selected from the group of engines consisting of Otto cycle, diesel and rotary engines and wherein the power producing members are selected from the group of power producing members consisting of pistons and rotors.
- 20. (Original) A method as recited in claim 14 wherein the first and second set of systems each comprise systems selected from the group of systems consisting of fuel systems, air handling systems, sensor systems, cooling systems and control systems.
 - 21. (Canceled)